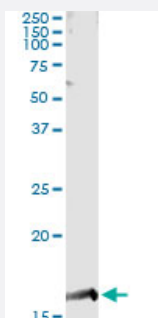


PTGES (Human) IP-WB Antibody Pair

Catalog # H00009536-PW2

Size 1 Set

Applications



Immunoprecipitation of PTGES transfected lysate using mouse monoclonal anti-PTGES and Protein A Magnetic Bead ([U0007](#)), and immunoblotted with rabbit polyclonal anti-PTGES.

Specification

Product Description	This IP-WB antibody pair set comes with one antibody for immunoprecipitation and another to detect the precipitated protein in western blot.
Reactivity	Human
Interspecies Antigen Sequence	Mouse (79); Rat (79)
Quality Control Testing	Immunoprecipitation-Western Blot (IP-WB) Immunoprecipitation of PTGES transfected lysate using mouse monoclonal anti-PTGES and Protein A Magnetic Bead (U0007), and immunoblotted with rabbit polyclonal anti-PTGES.
Supplied Product	Antibody pair set content: 1. Antibody pair for IP: mouse monoclonal anti-PTGES (300 ug) 2. Antibody pair for WB: rabbit polyclonal anti-PTGES (50 ul)
Storage Instruction	Store reagents of the antibody pair set at -20°C or lower. Please aliquot to avoid repeated freeze thaw cycle. Reagents should be returned to -20°C storage immediately after use.

Applications

- Immunoprecipitation-Western Blot

[Protocol Download](#)

Gene Info — PTGES

Entrez GeneID [9536](#)

Gene Name PTGES

Gene Alias MGC10317, MGST-IV, MGST1-L1, MGST1L1, MPGES, PGES, PIG12, PP102, PP1294, TP53I12, mPGES-1

Gene Description prostaglandin E synthase

Omim ID [605172](#)

Gene Ontology [Hyperlink](#)

Gene Summary The protein encoded by this gene is a glutathione-dependent prostaglandin E synthase. The expression of this gene has been shown to be induced by proinflammatory cytokine interleukin 1 beta (IL1B). Its expression can also be induced by tumor suppressor protein TP53, and may be involved in TP53 induced apoptosis. Knockout studies in mice suggest that this gene may contribute to the pathogenesis of collagen-induced arthritis and mediate acute pain during inflammatory responses. [provided by RefSeq]

Other Designations MGST1-like 1|OTTHUMP00000022345|glutathione S-transferase 1-like 1|microsomal glutathione S-transferase 1-like 1|microsomal prostaglandin E synthase-1|p53-induced apoptosis protein 12|p53-induced gene 12|tumor protein p53 inducible protein 12

Pathway

- [Arachidonic acid metabolism](#)
- [Metabolic pathways](#)

Disease

- [Adenocarcinoma](#)
- [Adenoma](#)
- [Alzheimer disease](#)

- [Atherosclerosis](#)
- [Brain Ischemia](#)
- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Cardiovascular Diseases](#)
- [Colorectal Neoplasms](#)
- [Connective Tissue Diseases](#)
- [Diabetes Complications](#)
- [Diabetes Mellitus](#)
- [Ductus Arteriosus](#)
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- [Premature Birth](#)
- [Skin Diseases](#)
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